

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Chang Confirmation No.: To be determined  
Serial No.: To be determined Art Unit: To be determined  
Filed: Herewith Examiner: To be determined  
For: REMOTE Attorney Docket No.: 11393-003-999  
ELECTROCARDIOGRAM FOR  
EARLY DETECTION OF  
CORONARY HEART DISEASE

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 C.F.R. §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the application.

1. Enclosures accompanying this Information Disclosure Statement are:
  - 1a. ☒ A list of all patents, publications, applications, or other information submitted for consideration by the office.
  - 1b. A legible copy of :
    - ☒ Each U.S. patent application publication and U.S. and foreign patent;
    - ☒ Each publication or that portion which caused it to be listed on the PTO-1449;
    - ☐ For each cited pending U.S. application, the application specification including the claims, and any drawing of the application, or portion of the application which caused it to be listed on the PTO-1449 including any claims directed to that portion;
    - ☐ all other information or portion which caused it to be listed on the PTO-1449.
  - 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or PCT International Search Report.
  - 1d. ☐ Explanations of relevancy (ATTACHMENT 1(d), hereto) or English language abstracts of the non-English language publications.
2. ☒ This Information Disclosure Statement is filed under 37 C.F.R. §1.97(b):
  - ☒ Within three months of the filing date of a national application other than a continued prosecution application under §1.53(d);

- ☐ Within three months of the date of entry of the national stage as set forth in §1.491 in an international application;
- ☐ Before the mailing of the first Office action on the merits;
- ☐ Before the mailing of a first Office action after the filing of a request for continued examination under §1.114.

3. ☐ This Information Disclosure Statement is filed under 37 C.F.R. §1.97(c) after the period specified in 37 C.F.R. §1.97(b), but before the mailing date of any of a final action under 37 C.F.R. §1.113, a notice of allowance under 37 C.F.R. §1.311 or an action that otherwise closes prosecution in the application.

*(Check either Item 3a or 3b)*

- 3a. ☐ The Certification Statement in Item 5 below is applicable. Accordingly, no fee is required.
- 3b. ☐ The \$180.00 fee set forth in 37 C.F.R. §1.17(p) in accordance with 37 C.F.R. §1.97(c) is:
- ☐ enclosed
  - ☐ to be charged to Pennie & Edmonds LLP Deposit Account No. 16-1150.

*(Item 3b to be checked if any reference known for more than 3 months)*

4. ☐ This Information Disclosure Statement is filed under 37 C.F.R. §1.97(d) after the period specified in 37 C.F.R. §1.97(c), but on or before the date of payment of the issue fee.

The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:

- ☐ enclosed.
- ☐ to be charged to Pennie & Edmonds LLP Deposit Account No. 16-1150.

The Certification Statement in Item 5 below is applicable.

5. ☐ Certification Statement (applicable if Item 3a or Item 4 is checked)

*(Check either Item 5a or 5b)*

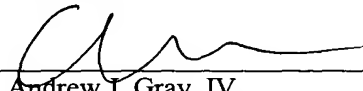
- 5a. ☐ In accordance with 37 C.F.R. §1.97(e)(1), it is certified that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- 5b. ☐ In accordance with 37 C.F.R. §1.97(e)(2), it is certified that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was known by any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
6. ☐ This application is a continuation application under 37 C.F.R. §1.60 or §1.53(b) or (d).

*(Check appropriate Items 6a, 6b and/or 6c)*

- 6a. ☐ A Petition to Withdraw from issue under 37 C.F.R. §1.313(b)(5) is concurrently filed herewith.
- 6b. ☐ Copies of publications listed on Form PTO-1449 from prior application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_, of which this application claims priority under 35 U.S.C. §120, are not being submitted pursuant to 37 C.F.R. §1.98(d).
- 6c. ☐ Copies of the publications listed on Form PTO-1449 were not previously cited in prior application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_, and are provided herewith.
7. ☐ This is a Supplemental Information Disclosure Statement. (Check Item 7a)
- 7a. ☐ This Supplemental Information Disclosure Statement under 37 C.F.R. §1.97(f) supplements the Information Disclosure Statement filed on \_\_\_\_\_. A bona fide attempt was made to comply with 37 C.F.R. §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental Information Disclosure Statement can be considered as if properly filed on \_\_\_\_\_.
8. ☐ In accordance with 37 C.F.R. §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:
- ( Check Item 8a, 8b, or 8c)
- 8a. ☐ satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office.
- 8b. ☐ set forth in the application.
- 8c. ☐ enclosed as an attachment hereto.
9. ☒ The Commissioner is authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement and/or Petition to Pennie & Edmonds LLP Deposit Account No. 16-1150.
10. ☒ No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than a search report of a foreign counterpart application or PCT International Search Report if submitted herewith). 37 C.F.R. §§1.97(g) and (h).

Respectfully submitted,

Date: August 21, 2003

  
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41,796  
(Reg. No.)

<b>LIST OF REFERENCES CITED BY APPLICANT</b> (Use several sheets if necessary)				ATTY DOCKET NO.		APPLICATION NO	
				11393-003-999		To be determined	
				APPLICANT			
				Chang			
				FILING DATE		GROUP	
				Herewith		To be determined	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A01	3,612,061	10/12/71	Collins et al.			
	A02	4,121,575	10/24/78	Mills et al.			
	A03	4,233,987	11/18/80	Feingold			
	A04	4,328,814	05/11/82	Arkans			
	A05	4,583,549	04/22/86	Manoli			
	A06	4,763,660	08/16/88	Kroll et al.			
	A07	4,852,572	08/01/89	Nakahashi et al.			
	A08	4,955,381	09/11/90	Way et al.			
	A09	4,957,109	09/18/90	Groeger et al.			
	A10	5,042,481	08/27/91	Suzuki et al.			
	A11	5,080,099	01/14/92	Way et al.			
	A12	5,184,620	02/09/93	Cudahy et al.			
	A13	5,191,886	03/09/93	Paeth et al.			
	A14	5,299,119	03/29/94	Kraf et al.			
	A15	5,327,888	06/12/94	Imran			
	A16	5,341,806	08/30/94	Gadsby et al.			
	A17	5,503,158	04/02/96	Coppock et al.			
	A18	5,507,290	04/16/96	Kelly et al.			
	A19	5,678,545	10/21/97	Stratbucker			
	A20	5,685,303	11/11/97	Rollman et al.			
	A21	5,724,580	03/03/98	Levin et al.			
	A22	5,782,238	07/21/98	Beitler			
	A23	5,868,671	02/09/99	Mahoney			
	A24	5,916,159	06/29/99	Kelly et al.			
	A25	6,052,615	04/18/00	Field et al.			
	A26	6,076,003	06/13/00	Rogel			
	A27	6,115,623	09/05/00	McFee			
	A28	6,205,346 B1	03/20/01	Akiva			
	A29	6,217,525 B1	04/17/01	Medema et al.			
	A30	6,400,975 B1	06/04/02	McFee			
	A31	6,415,169 B1	07/02/02	Kornrumpf et al.			
	A32	6,453,186 B1	09/17/02	Lovejoy et al.			
	A33	6,496,705 B1	12/17/02	Ng et al.			

# **FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## **OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	A34	Griffin and Kaplan, 1987, Anaesthesia 42, pp 155-159.
	A35	Kaplan, <i>Cardiac Anaesthesia</i> , 3 <sup>rd</sup> edition, 1993, pp. 111-116, 299-341.
	A36	<a href="http://www.gmedinc.com/scientificbasiswebversion1.pdf">www.gmedinc.com/scientificbasiswebversion1.pdf</a> , last accessed July 2, 2003.
	A37	<i>Guide to Clinical Preventive Services</i> , Second Edition, U.S. Department of Health and Human Services, Section One, pp. 1-14.

EXAMINER	DATE CONSIDERED
<p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with <b>MPEP 609</b>; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	